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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicants : Supat WONGWIRAWAT, Azzedine TOUZNI, Mark HRYSZKO,
Raul A. CASAS, and Yiwen YU
Serial No. : 10/757,536
Filed : 01/15/2004
Title : DIGITAL RECEIVER HAVING ADAPTIVE
CARRIER RECOVERY CIRCUIT
Docket : 14587
Art Unit : 2817

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UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103, and Applicant reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish otherwise. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

Serial No. 10/757,536
Docket No. 14587

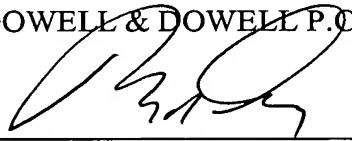
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The Office has waived the requirement pursuant to 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. Therefore, no copies of each cited U.S. patent and each cited U.S. patent application publication are enclosed, but the cited U.S. patents and the cited U.S. patent application publications are listed on PTO/SB/08A.

Respectfully submitted,

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Complete if Known

Application Number	10/757,536
Filing Date	01/15/2004
First Named Inventor	Wongwirawat
Art Unit	2817
Examiner Name	Not assigned yet
Attorney Docket Number	14587

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,691,176	09-01-1987	Hsiung et al.	
		US- 5,703,597	12-30-1997	Yu et al.	
		US- 6,018,556	01-25-2000	Janesch et al.	
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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**INFORMATION DISCLOSURE
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Sheet

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of

2

Complete if Known

Application Number

10/757,538

Filing Date

01-15-2004

First Named Inventor

Wongwirawat

Art Unit

2817

Examiner Name

Not assigned yet

Attorney Docket Number

14587

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		RICHARD CITTA & GARY SGRIGNOLI, "ATSC Transmission System: VSB Tutorial", Zenith Electronics Corporation, Montreuz Symposium, June 12, 1997.	

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